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AF 03300 (January 2005)  
UNITED STATES AIR FORCE CCAFS/PAFB  
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DIVISION 03 - CONCRETE

SECTION 03300

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01/05

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SECTION 03300

CAST-IN-PLACE CONCRETE  
01/05

PART 1 GENERAL

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NOTE: This specification is to provide inserts into  
NASA Section 03300 CAST-IN-PLACE CONCRETE calling  
out affirmative procurement requirements for  
recycled materials in concrete.  
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1.1 REFERENCES

\*\*\*\*\*  
NOTE: Insert the following references into Subpart  
1.1 REFERENCES, in the appropriate location.  
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ASTM INTERNATIONAL (ASTM)

ASTM C 618	(2003) Standard Specification for Coal Fly Ash and Raw or Calcined Natural Pozzolan for Use as a Mineral Admixture in Concrete
ASTM C 989	(2004) Standard Specification for Ground Granulated Blast-Furnace Slag for Use in Concrete and Mortars

1.2 SUBMITTALS

Not Used

PART 2 PRODUCTS

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NOTE: Insert the subpart below as Subpart 2.1.3 to  
describe affirmative procurement requirements.  
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2.1 Admixtures

Fly Ash [is required] [used] as an admixture [and] shall conform to ASTM C 618, Class [C or F] with 4 percent maximum loss on ignition and 35 percent maximum cement replacement by weight.

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NOTE: Ground granulated blast furnace slag and fly  
ash are materials listed in the EPA's Comprehensive  
Procurement Guidelines (CPG)  
(<http://www.epa.gov/cpg/>). If the

Architect/Engineer determines that use of certain materials meeting the CPG content standards and guidelines would result in inadequate competition, do not meet quality/performance specifications, are available at an unreasonable price or are not available within a reasonable time frame, the Architect/Engineer may submit written justification and supporting documentation for not procuring designated items containing recovered material. Written justification may be submitted on a Request for Waiver Form to the NASA Environmental Program Manager for approval. The Request for Waiver Form is located in the NASA Procedures and Guidelines (NPG 8830.1) (<http://nodis3.gsfc.nasa.gov>).

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Ground granulated blast furnace slag [is required] [used] as an admixture [and] shall conform to ASTM C 989, Grade [120] with between 25 to 50 percent maximum cement replacement by weight.

### PART 3 EXECUTION

Not Used

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